



OPEN EXAMINATION  
**Research Scientist II (Physical/Engineering Sciences)**  
CONTINUOUS TESTING  
LR10/5588 2H1AK



California State Government supports equal opportunity to all regardless of race, color, creed, national origin, ancestry, gender, marital status, disability, religious or political affiliation, age, or sexual orientation. It is the objective of the State of California to achieve a drug-free work place. Any applicant for state employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the state, the rules governing civil service, and the special trust placed in public servants.

**WHO SHOULD APPLY:** Persons who meet the minimum qualifications (entrance requirements) as stated on this announcement may take this examination, which is competitive.

**HOW TO APPLY:** To learn more about the job and testing arrangements, contact the testing office shown below. Applications are available through the <http://jobs.ca.gov/pdf/std678.pdf> and at the testing office shown below. Applications may be filed in person or by mail with:

	DEPARTMENT OF PUBLIC HEALTH	(916) 319-9759
	HUMAN RESOURCES BRANCH	
In Person:	1501 Capitol Avenue, Suite 71.1501	
By Mail:	MS 1700 - 1702	
	P.O. Box 997378	
	Sacramento, CA 95899-7378	

**DO NOT SUBMIT APPLICATIONS TO THE STATE PERSONNEL BOARD OR THE CALIFORNIA DEPARTMENT OF HUMAN RESOURCES**

**FINAL FILING DATE:** There is no final filing date. Testing is considered continuous as dates can be set at any time. The testing office will accept applications continuously and will notify and test applicants of testing as needs warrant.

**TESTING PERIOD:** A candidate may be tested only once during any testing period. The testing period for this classification is January 1 through December 31.

**SALARY RANGES:** \$5309.00 - \$6404.00 per month.

**POSITION DESCRIPTION:** Under general supervision, incumbents plan, organize, and carry out scientific research studies of moderate scientific scope and complexity; may serve as a team member on public health projects and investigations within their program and act as a technical scientific consultant on a specific phase of a more complex scientific research study; make independent, difficult decisions in a specific scientific field using established guidelines and technical scientific procedures and adapt research methods to problems with limited scientific scope, and perform other related work. Work is reviewed periodically to see that it generally conforms to established policies and procedures.

**PHYSICAL/ENGINEERING SCIENCES:** Incumbents in this parenthetical are distinguished from other Research Scientists by being required to analyze and draw conclusions from research studies of the physical and engineering sciences relevant to public and/or environmental health. This work requires broad knowledge in Physical/Engineering Sciences in areas such as non-industrial indoor air quality, community air quality, occupational air quality, air pollution control, mechanical or ventilation engineering, atmospheric pollution, atmospheric physics, microscopy, material sciences, and industrial hygiene. Engineering and physical science research and investigations can be conducted in areas such as radiation safety, environmental safety, occupational safety, and water safety. Research study conclusions are used to improve detection and identification of physical agents of public and/or environmental health significance; identify sources, environmental fates, and transport of physical agents; assess exposure pathways and body burdens of physical agents in human and biological receptors; assess the relationships between body burdens and resultant health and ecological effects; and investigate technologies which have potential to protect public health and the environment from effects of exposures to physical agents. Incumbents provide consultation to industry and other governmental agencies on the scientific technological aspects of water safety, radiation safety, environmental safety, and occupational safety as appropriate to technical expertise.

Positions exist with the Department of Public Health in Los Angeles and Richmond.

**REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION:** It is your responsibility to make sure you meet the education and/or experience requirements stated on this announcement on the date you submit your application. Your signature on your application indicates that you have read, understood, and possess the basic qualifications required.

NOTE: Applications/resumes **must** include “to” and “from” dates (month/day/year), time base, civil service class title(s), and range (if applicable) for all work experience. College course information **must** include title, semester or quarter units, name of institution, completion dates, and degree (if applicable).

**Applications/resumes received without this information will be rejected. A copy of your official degree and transcripts may assist in the evaluation of your qualifications as it relates to meeting the education requirements for this examination..**

**MINIMUM QUALIFICATIONS:** Two years of experience in the California state service performing scientific research duties comparable to those of a Research Scientist I in the stated specialty or a closely related field. (One year towards completion of a doctoral degree of the stated specialty or a closely related field may be substituted for one year of the required experience.) **and** Possession of a bachelor's degree in the stated specialty or a closely related field.

Or II

Three years of research experience in the stated specialty or a closely related field. The research experience must have included responsibility for determining research design, choice of methods, and analysis of findings. (The research involved in completion of the dissertation required for the doctoral degree may be substituted for one year of the required experience.) **and** Possession of a master's degree in the stated specialty or in a closely related field.

*The required education degree for all patterns must have been obtained from a recognized U.S. university or from a foreign university approved by the Bureau of Private Postsecondary and Vocational Education under the provision of California Education Code Chapter 3, Part 59, Division 10.*

**GENERAL QUALIFICATIONS:** In addition to the scope defined on this announcement, candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, ability to work cooperatively with others, and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required.

**EXAMINATION INFORMATION:** The entire examination will consist of an evaluation of training and experience weighted 100%. The [training and experience questionnaire](#) is designed to elicit specific information regarding each candidate's education and experience relative to the testing classification. Responses to the questionnaire will be assessed based on pre-determined rating criteria. In appraising the relative qualifications of candidates, consideration will be given to the extent and type of pertinent experience and education over and above that required under “Minimum Qualifications.”

The Department of Public Health reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service law and rules and all competitors will be notified.

**ELIGIBLE LIST INFORMATION:** Possession of the entrance requirement does not assure a place on the eligible list. In order to obtain a position on the eligible list, a minimum rating of 70% must be attained. Names of successful competitors are merged into the open list established for use by the Department of Public Health in order of final scores regardless of testing date. Eligibility expires 24 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.

Eligible Lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) departmental open, and 6) open. When there are two lists of the same kind, the older must be used first.

**VETERANS PREFERENCE:** Veterans preference credits will not be granted in this examination since it does not qualify as an entrance examination.

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD device.

The California Relay (Telephone) Service for the deaf or hearing impaired:

MCI from TDD: 1-800-735-2929      MCI from voice telephone: 1-800-735-2922

Sprint from TDD: 1-888-877-5378      Sprint from voice telephone: 1-888-877-5379